I&F Final Jobcode 004-23-000004

SBR No. 14/23-24
DATED 28.04.2023
Serial No. .....

M. A. R. 57 (Rule 116)
Measurement Book

No. D 260034
EE/ELE/Y/BR.No.....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency...M/s Madhusudhan A.N. (Suraksha Electrical)

Date of commencement of work...EE(RSO)/ELE-ZONE(W)/449/22-23 dt 19/11/22

Date	Full description, etc, of work	Dimensions Number	Length	Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	Agg No. EE(RSO)/ELE-ZONE(W)/449/22-23 Dtd-19/11/22						
	Name of Work:- Providing decorative/ornamental pathway lights with poly um pole and footpaths and energy efficient street lights, neat fixing street light control switches, control wires, poly ABC cable and other accessories in ward No 1,38						
1)	Earthwork Excavation by manual						
	As per EMB 01		126.52	cum 214.81	-6-		27177-99
2)	Providing and laying in Pontoon Akin						
	As per EMB 02		11.35	cum 6414.38	-6-		72803-26
							CFC cum Bill

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
3)	Supplying, bending and placing TMT bar as per BBS		6.72	TON	106447.95		715539.18 / 106447.95
4)	Providing and laying in position cement concrete as per BBS		128.26	CUM	7237.18	-do-	928204.31
5)	Providing and laying RCC work (covering) as per BBS		108	SQM	2175.44		234947.87
6)	Providing and laying RCC work (solid) as per BBS		522	KG	532.30	-do-	277862.64
7)	Supply & LED Street light furniture,						

M. A. R. 57 (Rule 116) No. D 260035
Measurement Book

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions Length	Dimensions Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	As per GMB specifications.		700	nos	8157		5710538-61
8)	Supply & LED Street light luminaire.						
	As per GMB 120 watts.		80	nos	104974		8397[illegible]
9)	Supply & LED Flood light luminaire						
	As per GMB 150W		190	nos	14402		2679470-92
10)	Supply & LED Flood light luminaire						
	As per GMB 200W		250	nos	20998		5248531-[illegible]

Assistant Executive Engineer (E
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
11)	Supplying and fixing 4" dia AS & GMB 32 mtrs		700	~~700 mtrs~~ Nos	947.88	-Ø-	662455-86
12)	~~Fabricating supplying and~~						
14)	Fabricating supplying and fixing AS & GMB. Cont Pole		25	Nos	18019.69	-Ø-	450492-17
	Above 12.5 Mtrs		161	Nos	18019.69	-Ø-	2901169-57
15)	Supplying and fixing telescopic M.S. AS & GMB. Single bracket 1.5 Mtrs		25	Nos	1360.78	-Ø-	34019.46

Assistant Executive Engineer (Ele)
BBMP, Bangalore

M. A. R. 57 (Rule 116) **No. D 260036**

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
	above 125%		161	Nos	1360.88 Cu-		219085-32
16)	Supplying & 1.1kV XLPE Cu Heat Resistant						
	Aly Ar GMB. 1659mm		1 Core.				
			2.80	KM	192599.01 Rs.		539479-83
17)	Supplying & 1.1kV XLPE Cu Heat Resistant						
	Aly Ar GMB 2559mm		3.5 Core.				
			1.50	KM	190509.46 Rs.		285764-19
	above 125%.		0.15	KM	190509.46 Rs.		28957-44

LEC

TCN. 130/04

Assistant Executive Engineer (E
PRMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
18	Supplying 1.1 kV XLPE or Heat Shrink RS R GMB 3 5 Sqmm 3.5 core		0.32 km	219086.90		69012.12	
19	Laying of cable in existing trench RS R GMB 2.5 to 25 Sqmm upto		1 km	16965.50		75547.63	
20	Laying of cable existing Trench (Pipe) 35 to 95 Sqmm		0.32 km	24827.79		7820.75	
21	Earth work Excavation for cable trench RS R GMB ordinary soil.		577.44 cum	27.96		15736.32	
22	Refilling the cable trenching with selected RS R GMB		577.44 cum	60.92		35176.88	

CSC

Assistant Executive Engineer (Ele)
BESCOM, Bengaluru

M. A. R. 57 (Rule 116)
Measurement Book

No. D 260037

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
23)	Providing and drawing flexible multi core AS Pr Cu XLPE 4CX 1.5 Sqmm						
	above 125%.		1875 mtr 381 mtr		92/40 92/40	Cr Cr.	173243-62 35203-10
24)	Providing & laying 3.3 KV grade XLPE Al Pr Cu armoured cable		50 mtrs		309-99	Cr-	15484-31
25)	Providing & fixing Terminating kit AS Pr Cu XLPE 4CX 35 Sqmm	10 nos			331-72	Cr-	3317-23
26)	Supply heavy duty cable Termination						

EEC
Tech. Branch (Elec)
Assistant Executive Engineer
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As per UMB 25 sqmm Cu [illegible]		700	nos	30.36 -Ex		21252-98
27)	Rod type Earthing using 40 mm dia						
	MS as UMB		10	nos	23654.47 -Ex		23654-47
28)	Supplying and fixing Angle Iron frame						
	as per UMB 40x40x6mm		80	kgs	288.92 Ext		23113-84
29)	Fabricating supplying and mounting						
	as per UMB 165 WP		350000	sqcm	0.40 -Ex		140543-90
30)	Supplying and fixing moulded [illegible]						
	as per UMB 100A 2 Pole		10	nos	867.56 -Ex		8677-62

CEC
T.N. Badiwala
Assistant Executive Engineer (Ele)
BBMP, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. D 260038

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
31)	Fixing halogen metal halide light						
	as per EMB		1220	NOS	198.40	-C-	24280-26
32)	Supplying & fixing ground mtd LED bulkhead						
	as per EMB ISI mark		31	NOS	45772	-C-	14190-92
33)	Supplying & fixing Flood light						
	as per EMB		31	NOS	28442	-C-	3073-10
34)	Dismantling of steel I-Beam including						

CFC
T.N. Balaji 10/11
Assistant Executive Engineer (Ele)
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	As Per BMB		50	NS	650-03	t-	32501-39
35)	Relaying of Scrapping (UD) Tube light						
	As Per BMB		190	Nos	178-54	t	33923-48
36)	mobile Hydraulic crane 35 to capacity						
	As Per BMB		150	Nos	183530	t	2752944-65
37)	Supply of 1.1 KM CT Aerial bunched cable						
	As Per BMB		6-25	KM	208355-99	t	1302224-93
	Extra 12.5%		1-54	KM	208355-99	t	326481-51
38)	Erecting Contractor supplied 7		1050	95 Sqm			
			365	Nos	191-03	t-	69776

CEC
E&M Branch

Assistant Executive Engineer (E
BBMP, Bangalore

M. A. R. 57 (Rule 116)
Measurement Book

No. D 260033

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Dimensions: Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
39	Dead End slab / Anchor	slab	Approx				3753.84
		25	24	nos	156.4	Kg	3900-20
40	Expansion slab Approx	66	70 sqmm				
		60		nos	226.74	Kg	13606-80
41	Laying of 1.1 KV grade Aerial bunched						211279-07
		7.79		kms	27125.79	Kg	CEC
42	Erection of Expansion slab	2	95	sqmm			TCN Bangalore 10
		60		nos	153.24	Kg	Assistant Executive Engineer (E) 919 Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
(23)	Installation & Integration Receiving Facility		300	Nos	71.00 -Ls		25703.37
(24)	Fencing & Dead End Comp.		24	Nos	308.57 -Ls		7333.68 7634.32
(25)	Centralized Control & Monitoring System HSR EMB		10	Nos	72213.32 -Ls		722133.17
(26)	Supply and Erection of Straight Profile 63A HSR EMB		50	Nos	31287.52 Ls		1564376.03
(27)	Supply and Erection of Earth Strip 4mm HSR EMB Square pipe		40	Nos	4244.19 Ls		169767.58

CFC
TCW. Bangalore
Assistant Executive Engineer (
BBMP, Bengaluru

M. A. R. 57 (Rule 116)
Measurement Book

No. D 260040

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions: Length	Dimensions: Breadth	Depth	Contents	Reference to last Measurement
1	2	3	4	5	6	7	8
6/9	supply and fixing of 3 Nr Jumping pad						
	MSR GMB Kavithi	2	Nos		39056-00		1093593-34
30	supply of 3 Nr Rowing machine						
	MSR GMB KENGERI	20	Nos		459336-00		918677-30
31	supply 3 Nr Rowing machine						
	MSR GMB GAYATHRI	40	Nos		45560-39		1822055-56

CFC
TCN-Bangalore 10/4

Assistant Executive Engineer (Ele)
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
52	Supply & 3mm powder coated mild steel						
	AIR EMB TRIO		25	Nos	47771.21 Kgs		1194280-36
53	Supply of Pressure Die cast body heavy						
	AIR EMB LUNAR		52	Nos	189 98.50 Kgs		982772.12
54	Fabricating supplying collection of						
	AIR EMB Tusker Pole		31	Nos	12244.55 Kgs		379584.295
55	Fabricating supplying collection of declarative						
	AIR EMB 219-2PG Pole.		74	Nos	9423.03 Kgs		697302.42
~~56~~	~~Supply Installation testing commissioning~~						

CEC
(C.N. Baddi) 10/24
Assistant Executive Engineer (Ele)
BBMP, Bangalore

M. A. R. 57 (Rule 116) No. D 260041

Measurement Book

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions		Depth	Contents	Reference to last Measurement
			Length	Breadth			
1	2	3	4	5	6	7	8
5/9	Fabricating supplying and Erection of [illegible] Earthing		30	Nos	6037-92	-6-	482961-73
6/9	Laying of UG cable by trenching work		195	Mtr	89033	-6-	173615-01
6/9	Above 125%		109	Mtr	89033	-6-	97046-34

CC
Assistant Executive Engineer (Elc.
BBMP, Bangalore

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
						Total Rs	46812155-00
	Add GST 18% for Item No 01 to 48 est 60.					Rs	4731429-54
						Total Rs	51543585-00
	Certificate:						
	Certify that the work has been carried out satisfactorily						
	T.C.N. Bangalore					T.C.N. Bangalore 10/4/23	
						Assistant Executive Engineer (Ele)	
						BBMP, Bangalore	
						For M/s. Suraksha Electricals	
						Proprietor	

SBR No. 14/23-24
DATED 28.04.2023

M. A. R. 57 (Rule 116)
Measurement Book

No. D 260042

EE/ELE/Y/BR No.....

Serial No. .....

Name of work ..... From ..... To ..... Dt.....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	1Stg Foundn 51543000:00						
	ITH 515430:00						
	LwcH 515430:00						
	CBFo.H. 51543:00						
	1stH 468120:00						
	SstH 468120:00						
	LR 9816:00						
	Deduct 2028459:00						
	by sum 49514541:00						

ಕಾರ್ಯಾದೇಶ P.3877 Amruth Nayaranagar

ರೂ: 51543000:00 ರಂದು ಮಾಡಿ ಸ್ವೀಕರಿಸಿದೆ

ರೂ: 49514541:00 ಕ್ಕೆ ನೀಡಬಹುದಾಗಿದೆ

ರೂ: 2028459:00 ಕುಂಠಾಣಿಕೆ ಮಾಡಿದೆ

ಸಹಾಯಕ ಅಭಿಯಂತರರು ವಲಯ